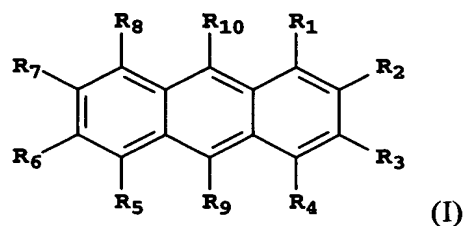


ABSTRACT

Disclosed is an OLED device comprising an anode and a cathode and located there-between a light emitting layer containing a light emitting dopant and a host comprising a monoanthracene derivative of formula (I):

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wherein

R₁-R₈ are H;

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R₉ is not the same as R₁₀;

R₉ is a naphthyl group having no fused rings with aliphatic carbon ring members; and

R₁₀ is a biphenyl group having no fused rings with aliphatic carbon ring members;

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provided that R₉ and R₁₀ are free of amines and sulfur compounds.

The device provides improved stability.